

09/762794

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APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	

Sma I

primer I >cttcccccgggcacaaaacaaa
cttcccccgggcacaaaacaa

atgc>

ATGcgacacaaaacgttctgcaaaacgcacaaaacgtgcatcggctacccaactttataaa
acatgcaaacaggcaggtacatgtccacctgacattatacctaagggtgaaggcaaaact
attgctgatcaaatattacaatatggaagtatgggtgtatTTTTTgggtgggttaggaatt
ggaacagggtcgggtacaggcggacgcactgggtatattccattgggaacaaggcctccc
<cccagcccatgtccgccGgcGCTCGAGCTC< primer C

Not I Sac I

Xho I

acagctacagatacacttgctcctgtaagacccccctttaacagtagatcctgtgggccct
tctgatccttctatagtttcttttagtggaagaaactagttttattgatgctggtgcacca
acatctgtaccttccatccccccagatgtatcaggatttagtattactacttcaactgat
accacacctgctatattagatattaataatactgttactactgttactacacataataat
cccactttcactgacctatctgtattgcagcctccaacacctgcagaaactggagggcat
tttacttttcatcatccactattagtagacataattatgaagaaattcctatggataca
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ccagtggcagcctaggattatatagtcacacaacacaacaagttaaagttgtagaccct
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gatgtggataatacattatattttcctagtaatgataatagtagtataatagctccagat
cctgactttttggatatagttgctttacataggccagcattaacctctaggcgtactggc
attaggtacagtagaattggtaataaacaacactacgtactcgtagtggaaaatctata
ggtgctaaggtagattattattatgatttgagtactattgatcctgcagaagaaatagaa
ttacaaactataacaccttctacatatactaccacttcacatgcagcctcacctacttct
attaataatggcttatatgatatttatgcagatgactttattacagatacttctacaacc

Not I Sac I

Xho I

primer A >GCGGCCGCGAGCTCGAGgggttatattcctgcaaatacaac>
ccggtaccatctgtaccctctacatctttatcaggttatattcctgcaaatacaacaatt
ccttttggtggtgcatacaatattccttttagtatcaggtcctgatataccattaatata
actgaccaagctccttcattaattcctatagttccaggtctccacaatatacaattatt
gctgatgcaggtgacttttatttacatcctagttattacatgttacgaaaacgacgtaaa
cgtttaccatattttttttcagatgtcttttggtgctTAG

primer D <gtctacagagaaaccgacggatcTCTAGACCTCCC<

Bg1 II

FIG. 1

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	CLASS	

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ATG CGA CAC AAA CGT TCT GCA AAA CGC ACA AAA CGT GCA TCG GCT ACC CAA CTT
 M R H K R S A K R T K R A S A T Q L
 1 10
 TAT AAA ACA TGC AAA CAG GCA GGT ACA TGT CCA CCT GAC ATT ATA CCT AAG GTT
 Y K T C K Q A G T C P P D I I P K V
 20 30
 GAA GGC AAA ACT ATT. GCT GAT CAA ATA TTA CAA TAT GGA AGT ATG GGT GTA TTT
 E G K T I A D Q I L Q Y G S M G V F
 40 50
 Not I. Sac I Xho I
 TTT GGT GGG TTA GGA ATT GGA ACA GGG TCG GGT ACA GGC GGC CGC GAG CTC GAG
 F G G L G I G T G S G T G G R E L E
 60 69 70 72
 GGT TAT ATT CCT GCA AAT ACA ACA ATT CCT TTT GGT GGT GCA TAC AAT ATT CCT
 G Y I P A N T T I P F G G A Y N I P
 80 90
 TTA GTA TCA GGT CCT GAT ATA CCC ATT AAT ATA ACT GAC CAA GCT CCT TCA TTA
 L V S G P D I P I N I T D Q A P S L
 100
 ATT CCT ATA GTT CCA GGG TCT CCA CAA TAT ACA ATT ATT GCT GAT GCA GGT GAC
 I P I V P G S P Q Y T I I A D A G D
 110 120
 TTT TAT TTA CAT CCT AGT TAT TAC ATG TTA CGA AAA CGA CGT AAA CGT TTA CCA
 F Y L H P S Y Y M L R K R R K R L P
 130 140
 TAT TTT TTT TCA GAT GTC TCT TTG GCT GCC TAG
 Y F F S D V S L A A .
 150 154

FIG. 2

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	CLASS	SUBCLASS

FIG. 3

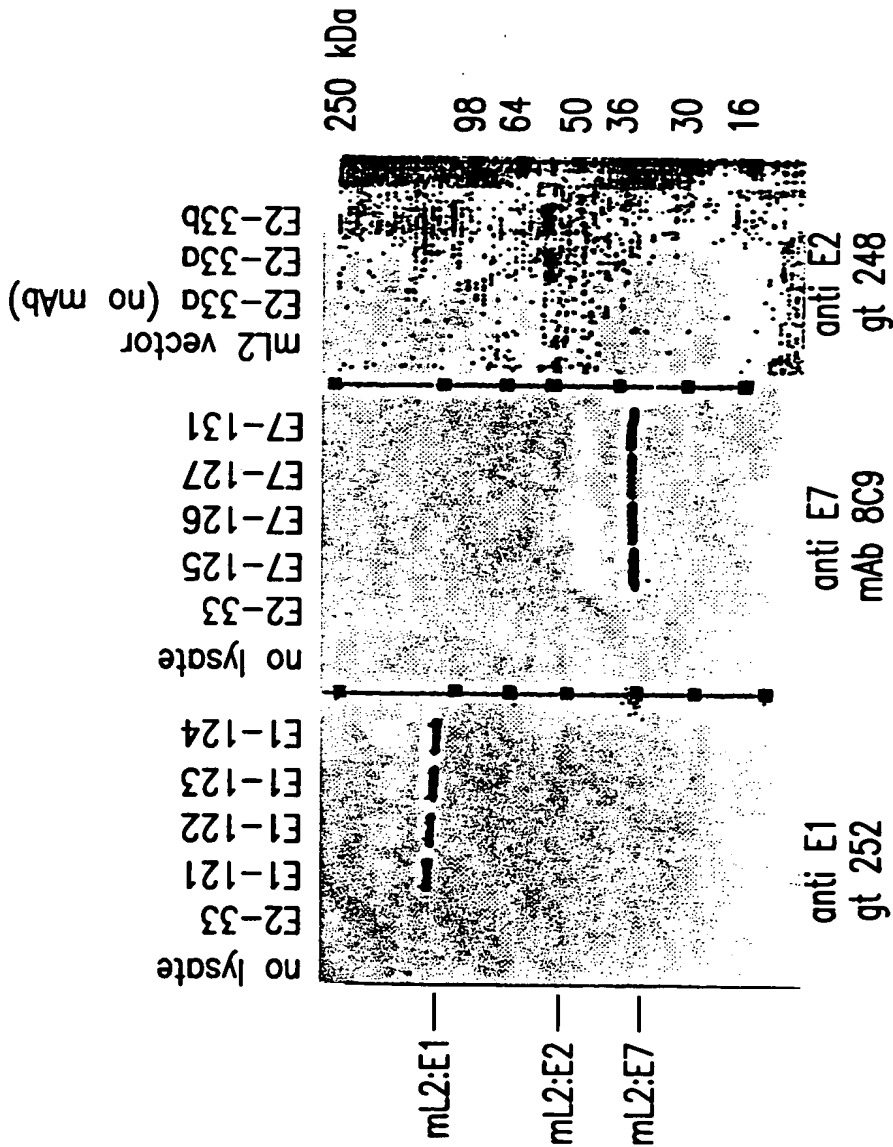


FIG. 3

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

BETA-GALACTOSIDASE ACTIVITIES OF P4R5 CELL LYSATES TRANSFECTED WITH
THE LISTED PLASMID CONSTRUCTS AND EVALUATED USING THE GALACTOSTAR[®] ASSAY

SAMPLE	BETA-GALACTOSIDASE RELATIVE LIGHT UNITS
V1Jp-L2cTot	229.44
pD5 Tot (POSITIVE CONTROL)	196.48
MOCK TRANSFECTION (NEGATIVE CONTROL)	0.40

FIG.4